

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Isaac Lagnado

Confirmation No. 6812

Application Serial No.: 10/829,067

Group Art Unit: 2683

Filed: April 21, 2004

Examiner: Brandon J. Miller

Title: System and Method for Accessing  
A Wireless Network

Atty Docket No. 200313247-1

**DECLARATION OF ISAAC LAGNADO  
UNDER 37 C.F.R. §1.131****Mail Stop: Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Isaac Lagnado, the inventor of the above-referenced patent application, enclose hereto as Exhibit A, a true copy of an invention disclosure form, with dates and portions redacted as noted, which was received by the Legal-Intellectual Property department of Hewlett-Packard Company on a date prior to January 7, 2004, in the ordinary course of business as part of Hewlett-Packard Company's invention disclosure program. This invention disclosure form indicates a conception of my invention, which is the subject of the above-referenced patent application, on a date(s) prior to January 7, 2004. In accordance with Hewlett-Packard Company's invention disclosure program at that time, upon receipt of an invention disclosure document from an inventor, the invention disclosure document is dated with the date of receipt by the Legal Intellectual Property department of Hewlett-Packard Company and assigned a docket number.

My invention that is the subject matter of the above-referenced application was conceived and reduced to practice while working in the United States for Hewlett-Packard Company. The invention disclosure form attached hereto as Exhibit A includes an explanation of the subject matter of the claims of the present application. Specifically, at least page 5 of the invention disclosure form includes an explanation of the subject matter of the claims of the present application.

I actively worked with counsel preparing my patent application from a time prior to January 7, 2004 until the date of filing of the above-referenced patent application.

I also enclose hereto as Exhibit B, a true copy of some of my various correspondences with counsel, with portions redacted as noted, pertaining to the preparation of the above-referenced patent application on dates as indicated, which demonstrate, alone and/or in

combination with the invention disclosure form, diligence in the completion of the invention which is the subject of the present Application from a time prior to January 7, 2004, continuously up to the date of filing of the above-referenced patent application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 101 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE**

Isaac Lagnado

Signature: Date: 6-26-2006

Citizenship: United States of America

Residence: Houston, TX

BEST AVAILABLE COPY

**EXHIBIT A**

Enter PD Number



## INVENTION DISCLOSURE

DATE RCVD: REDACTED

Tag Number: REDACTED

PDNO: 200313247

ATTORNEY: AWW

All IPG inventors and other inventors who have access to Disclose should submit their disclosures through that application. The url is

< <https://wkrpweb1.cv.hp.com/dbi?application=disclose> >. Invention Disclosures submitted here by inventors who have access to Disclose will not be processed at all.

Instructions: The information contained in this document is HP CONFIDENTIAL and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.

Red text indicates a required field.

Descriptive Title of Invention: Wireless LAN Quiet Idle Mode				
Name of Project:				
Product Name or Number:				
Submitter Location (City): Houston Texas				
Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s): REDACTED				
Was a product or prototype including the invention (i) announced, offered for sale, or sold to any third party (for example, customer, supplier, contract manufacturer), or (ii) sold to HP by, for example, a supplier or contract manufacturer, or (iii) is such activity proposed? If so, when and to whom?: REDACTED				
Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): REDACTED				
If any of the above situations will occur within 3 months, call your IP Attorney or the Legal Department now at 1-898-4919 or 970-898-4919				
Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.) REDACTED REDACTED				
Was the invention built or tested? If so, the date: REDACTED				
Was this invention made under a government contract? If so, the agency and contract number: REDACTED				
Description of Invention: Please describe your invention in detail using the following outline.  A. Prior solutions and their disadvantages (attach copies of any pertinent product literature, technical articles, patents, etc.). B. Problems solved by the invention. C. Advantages of the invention over what has been done before. D. Description of the construction and operation of the invention. (include appropriate schematic, block & timing diagrams, drawings, samples, graphs, flowcharts, computer listings, etc.).  Electronic Attachment				
List any pertinent patents material to the invention.				
List any articles or references or devices pertinent to the invention.				
Identify Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: REDACTED				
Employee No. REDACTED	Name: Isaac Lagnado	Telnet: REDACTED	Mailstop: REDACTED	Entity & Lab Name: REDACTED
Employee No.	Name:	Telnet:	Mailstop:	Entity & Lab Name:

<http://domino.corp.hp.com/CORP/legal/invdisc.nsf/d4e1a134aa7b72d78825698c006701b6...> REDACTED

Employee No.	Name:	Telnet:	Mailstop:	Entity & Lab Name:
Identify Witness(es): (It's best to identify the person(s) to whom invention was first disclosed.)				
The invention was first explained to, and understood by, the witness(es) on this date: REDACTED				
Name: Isaac Lagnado	Employee No.	Telnet:	Mailstop:	Entity:
Name:	Employee No.	Telnet:	Mailstop:	Entity:
Inventor & Home Address Information:				
First Inventor's Full Name: Isaac Lagnado			Citizenship: USA	
REDACTED				
City Houston		State Tx		Zip REDACTED
Do you have a Residential P.O. Address?		Description		
REDACTED				
Second Inventor's Full Name:			Citizenship:	
Street				
City		State		Zip
Do you have a Residential P.O. Address?		Description		
Third Inventor's Full Name:			Citizenship:	
Street				
City		State		Zip
Do you have a Residential P.O. Address?		Description		


Hardcopy Files:



QuietMode.doc

<http://domino.corp.hp.com/CORP/legal/invdisc.nsf/d4e1a134aa7b72d78825698c006701b6...> REDACTED

Write in Dark Ink on Front Side Only, Please

	<b>INVENTION DISCLOSURE</b>	PAGE ONE OF ____
PDNO	DATE RCVD <b>REDACTED</b>	ATTORNEY
<p><i>Instructions: The information contained in this document is HP Confidential and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.</i></p>		
<b>Descriptive Title of Invention:</b> WLAN Quiet Mode		
<b>Name of Project:</b> <b>REDACTED</b>		
<b>Product Name or Number:</b>		
<p>Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s):  <b>REDACTED</b></p> <p>was a product or prototype including the invention (i) announced, offered for sale, or sold to any third party (for example, customer, supplier, contract manufacturer) or (ii) sold to HP by, for example, a supplier or contract manufacturer, or (iii) is such activity proposed? If so, when and to whom?:  <b>REDACTED</b></p> <p>Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s):  <b>REDACTED</b></p> <p><i>If any of the above situations will occur within 3 months, call your IP attorney or the Legal Department now at 1-888-4919 or 970-898-4919.</i></p>		
<p>Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.)  <b>REDACTED</b></p>		
<p>Was the invention built or tested? If so, the date:  <b>REDACTED</b></p>		
<p>Was this invention made under a government contract? If so, the agency and contract number:  <b>REDACTED</b></p>		
<p><b>Description of Invention:</b> Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es).</p> <p>A. Description of the construction and operation of the invention (include appropriate schematic, block, &amp; timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.)</p> <p>B. Advantages of the invention over what has been done before.</p> <p>C. Problems solved by the invention.</p> <p>D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.).</p>		
<p>Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [_____] .</p>		
<b>REDACTED</b>	<b>Isaac Lagnado</b>	<b>REDACTED</b>
Employee No. Name	Name	Signature      Telnet    Mailstop    Entity & Lab
Employee No. Name	Name	Signature      Telnet    Mailstop    Entity & Lab
Employee No. Name	Name	Signature      Telnet    Mailstop    Entity & Lab
Employee No. Name	Name	Signature      Telnet    Mailstop    Entity & Lab
<p><i>(If more than four inventors, include additional information on another copy of this form and attach to this document!)</i></p>		

Form 3.1 idf.doc, rev. **REDACTED**

Write in Dark Ink on Front Side Only, Please

INVENTION DISCLOSURE		HP Confidential	PAGE	OF
<b>Signature of Witness(es):</b> <i>(Please try to obtain the signature of the person(s) to whom invention was first disclosed.)</i>				
The invention was first explained to, and understood by, me (us) on this date: [ ]				
Full Name	Signature	Date of Signature		
Isaac Lagnado				
Full Name	Signature	Date of Signature		
<b>Inventor &amp; Home Address Information:</b> <i>(If more than four inventors, include addl. information on a copy of this form &amp; attach to this document)</i>				
Inventor's Full Name				
Isaac Lagnado				
Street				
REDACTED				
City		State	Zip	
Houston		Tx	REDACTED	
Do you have a Residential P.O. Address? P.O. BOX				
	City	State	Zip	
Greeted as (nickname, middle name, etc.)				
Isaac				
Citizenship				
USA				
Inventor's Full Name				
Street				
City				
State				
Zip				
Do you have a Residential P.O. Address? P.O. BOX				
City				
State				
Zip				
Greeted as (nickname, middle name, etc.)				
Citizenship				
Inventor's Full Name				
Street				
City				
State				
Zip				
Do you have a Residential P.O. Address? P.O. BOX				
City				
State				
Zip				
Greeted as (nickname, middle name, etc.)				
Citizenship				

Form 3.1 ldf.doc, rev. REDACTED

Write in Dark Ink on Front Side Only, Please

<p><b>Description of Invention:</b> Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es).</p>
<p><b>A. Description of the construction and operation of the invention</b> (include appropriate schematic, block, &amp; timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.)</p> <p><b>WLAN Quiet Mode</b> – Create a WLAN state known as "Quiet Mode". This state will enable the WLAN device to always be in quiet mode during its scanning/not-connected states until it receives a valid wireless network SSID. A "Valid SSID" is defined as an SSID that is currently part of its requested SSID list that has been configured on the system. Quiet Mode is defined as not transmitting any packets, until it is deemed allowed to do so. This will add another level of security so that no one knows there are wireless devices active or that the wireless devices are turned off.</p> <p>This could be done by the following modification to existing WLAN driver firmware...</p> <ol style="list-style-type: none"> <li>1. Utilize only passive scanning for searching of available AP's.</li> <li>2. Not issue any probe request until a valid SSID is heard.</li> <li>3. If a SSID is encountered with a null string (i.e. a hidden SSID), then the user could be prompted with a dialog that says would like to connect to the unknown SSID.</li> <li>4. Ad-hoc connections would only be made with valid SSID's.</li> <li>5. Ad-hoc connection could be started through a UI request (start ad-hoc connection), for connection two ad-hoc clients that are both in Quiet mode.</li> </ol>
<p><b>B. Advantages of the invention over what has been done before.</b></p> <p>The current Wireless LAN implementations will continually transmit Probe requests of all SSID that are configured on the devices requested list. This allows you to be heard when you are not connected to an AP. Also when you are not connected to an AP, you are most likely in a location that is insecure, and it is these locations that your information security may most likely be violated (airports, hotels, coffee establishment, home)</p>
<p><b>C. Problems solved by the invention.</b></p> <p>This Quiet Mode feature makes the wireless devices invisible, and does not allow the wireless device to be detected by others when the device is not connected to an AP. Basically the WLAN devices will only communicate and respond to AP's that they have been configured to respond to. This will prevent hackers from impersonating an AP and connecting to your system, or connecting to your ad-hoc setting. It is also a security barrier in that if you are connected to your corporate network (via wired LAN) and your WLAN device is sending out SSID information, a hacker could possibly bridge through your wireless device to get directly into the wired LAN you are connected to.</p>

Form 3.1 idf.doc, rev. REDACTED



**Write in Dark Ink on Front Side Only, Please**

**D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.).**

Form 3.1 idf.doc, rev. REDACTED

**EXHIBIT B**

---

**From:** Gupta, Anand  
**Sent:** Wednesday, March 03, 2004 2:14 PM  
**To:** 'Lagnado, Isaac'  
**Cc:** Gupta, Anand  
**Subject:** RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Please call me. REDACTED

-----Original Message-----

**From:** Lagnado, Isaac / REDACTED  
**Sent:** Wednesday, March 03, 2004 1:52 PM  
**To:** Gupta, Anand  
**Subject:** RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

So I have reviewed it in its entirety,

REDACTED

Isaac

\* Isaac Lagnado REDACTED  
> \* Communication Technology - Portables Division  
> \* phone:  
> \* pager: REDACTED  
> \* fax:

-----Original Message-----

**From:** Lagnado, Isaac  
**Sent:** Tuesday, March 02, 2004 3:29 PM  
**To:** 'Gupta, Anand'  
**Subject:** RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

I am actually out of the office, but here is a brief review.

REDACTED

I will review it now in detail and send you a detailed response.

Isaac

-----Original Message-----

From: Gupta, Anand  
Sent: Tuesday, March 02, 2004 1:45 PM  
To: Gupta, Anand; Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

REDACTED

I would appreciate it if you could get back to me quick on this. Thanks.

-----Original Message-----

From: Gupta, Anand  
Sent: Tuesday, March 02, 2004 1:47 PM  
To: 'Lagnado, Isaac'  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Isaac:

REDACTED

Anand

-----Original Message-----

From: Lagnado, Isaac  
Sent: Monday, March 01, 2004 10:23 AM  
To: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

I reviewed it and it looks good.

Isaac

\* Isaac Lagnado - REDACTED  
> \* Communication Technology - Portables Division  
> \* phone:  
> \* pager:  
> \* fax: REDACTED

-----Original Message-----

From: Gupta, Anand **REDACTED**  
Sent: Monday, March 01, 2004 9:36 AM  
To: Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Isaac:

Thanks. Any changes?

Anand

-----Original Message-----

From: Lagnado, Isaac **REDACTED**  
Sent: Friday, February 27, 2004 6:04 PM  
To: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

Here is the rough draft of the revised flow chart, I will review it again over the weekend...

Thanks,

Isaac

\* Isaac Lagnado - **REDACTED**  
> \* Communication Technology - Portables Division  
> \* phone:  
> \* pager: **REDACTED**  
> \* fax:

-----Original Message-----

From: Gupta, Anand **REDACTED**  
Sent: Wednesday, February 25, 2004 11:36 AM  
To: Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Ok. Thanks.

-----Original Message-----

From: Lagnado, Isaac **REDACTED**  
Sent: Wednesday, February 25, 2004 11:34 AM  
To: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

I apologize, I am out of the office. I am in Seattle doing on a customer visit. I will provide you the edited file by the end of the week.

Thanks,

Isaac

-----Original Message-----

From: Gupta, Anand **REDACTED**  
Sent: Tuesday, February 24, 2004 11:12 AM  
To: Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Have you had a chance to update the flowchart yet?

-----Original Message-----

From: Lagnado, Isaac **REDACTED**  
Sent: Wednesday, February 18, 2004 4:52 PM  
To: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

I have a prior commitment at 3 pm tomorrow, what about 4pm tomorrow?  
If that is fine then just send me your phone number and I will call you  
then. Thanks,

Isaac

\* Isaac Lagnado - **REDACTED**  
> \* Communication Technology - Portables Division  
> \* phone:  
> \* pager: **REDACTED**  
> \* fax:

-----Original Message-----

From: Gupta, Anand **REDACTED**  
Sent: Wednesday, February 18, 2004 4:37 PM  
To: Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: Wireless LAN Quiet Idle Mode (PD# 200313247)

Isaac:

Thanks. Do you have time to talk about the invention/flowchart in  
detail tomorrow after 3 pm CT? It will take an hour.

Thanks.  
Anand

-----Original Message-----

From: Lagnado, Isaac **REDACTED**  
Sent: Tuesday, February 03, 2004 1:13 PM  
To: Gupta, Anand  
Subject: Wireless LAN Quiet Idle Mode (PD# 200313247)

Anand,

Here is the flowchart that should accompany the invention....

<<Drawing4.jpg>> <<Drawing4.vsd>>

The VSD file is an editable flowchart using Visio, the jpg is just a  
standard JPEG of the flowchart. Please let me know if I can be of any  
further assistance...

Thanks,

Isaac

\* Isaac Lagnado - REDACTED  
v \* Communication Technology - Portables Division  
v \* phone:  
v \* pager: REDACTED  
v \* fax:  
v

---

**From:** Gupta, Anand  
**Sent:** Wednesday, March 10, 2004 3:32 PM  
**To:** 'Legnado, Isaac'  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Thanks, I will review once I get all your changes.

I have attached the Visio file. Page 1 has your original version, page 2 has my updated version that I emailed you. Please do NOT make any changes to pages 1 or 2. I have created a page 3 for you to change. Please make sure I can "see" your changes (highlight them or something). :)

Thanks.

-----Original Message-----

**From:** Lagnado, Isaac **REDACTED**  
**Sent:** Wednesday, March 10, 2004 3:26 PM  
**To:** Gupta, Anand  
**Subject:** RE: HP333

Anand,

Here is what I have so far. I have tracked changes, but will probably work on it some more tonight. I also changed the hand drawn Figure. Also I seem to have misplaced your copy of the flowchart, can you forward that to me...if possible in Visio format, if not any graphical format will do.

Thanks,

Isaac

o Isaac Lagnado - **REDACTED**  
o Communication Technology - Portables Division  
o phone:  
o pager:  
o fax: **REDACTED**

-----Original Message-----

**From:** Gupta, Anand **REDACTED**  
**Sent:** Wednesday, March 10, 2004 7:53 AM  
**To:** Lagnado, Isaac  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Thanks. Please make sure to "track" your changes (in both the drawings and the document) so that I can tell what you changed.

-----Original Message-----



From: Lagnado, Isaac **REDACTED**  
Sent: Wednesday, March 10, 2004 2:38 AM  
To: Gupta, Anand  
Subject: RE: HP333

Anand,

Update **REDACTED**

Thanks for your patience, I am still working through the document, trying my best to finish I made some changes that I think will improve the patent. Basically allowed for the selection criteria to be widened, not just using SSID, but using other informational elements in the beacon such as Security Level, network type, Modulation, data rate...so that the decision to join a network can be optionally much more stringent about the requirements. Enforcing not only SSID, but other criteria before allowing device to transmit, a good consequence of this is that hidden SSID's can be interrogated for more suitable matches based on the other criteria (since SSID is hidden).

**REDACTED**

Give me till lunch time tomorrow and I will send you what I have, and if you like we can discuss in the afternoon. Hopefully I am not delaying any of your schedules based on my review.

Thanks,

Isaac

-----Original Message-----

From: Gupta, Anand **REDACTED**  
Sent: Monday, March 08, 2004 11:53 AM  
To: Lagnado, Isaac  
Cc: Gupta, Anand  
Subject: RE: HP333

Thanks for the update.

-----Original Message-----

From: Lagnado, Isaac **REDACTED**  
Sent: Monday, March 08, 2004 11:50 AM  
To: Gupta, Anand  
Subject: RE: HP333

Anand,

I am still making changes to the document. I should finish tonight. I will forward you what I have tomorrow morning...

Isaac

- o Isaac Lagnado **REDACTED**
- o Communication Technology - Portables Division
- o phone:
- o pager:
- o fax: **REDACTED**

-----Original Message-----

**From:** Gupta, Anand **REDACTED**  
**Sent:** Friday, March 05, 2004 11:54 AM  
**To:** Lagnado, Isaac  
**Cc:** Gupta, Anand  
**Subject:** HP333

Isaac:

I changed page 9 onwards to add more claims.

<<HP333-WLAN PAT. APP..DOC>>

*Anand Gupta, Esq.*

**REDACTED**

*Wired for Law*

Direct Dial: -

Direct Fax: -

**REDACTED**

NOTICE: This e-mail message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. The contents of this e-mail are confidential and subject to the attorney-client and work product privileges. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message. Please virus check all attachments to prevent widespread contamination and corruption of files and operating systems.

This communication does not reflect an intention by the sender or the sender's client or principal to conduct a transaction or make any agreement by electronic means. Nothing contained in this message or in any attachment shall satisfy the requirements for a writing, and nothing contained herein shall constitute a contract or electronic signature under the Electronic Signatures in Global and National Commerce Act, any version of the Uniform Electronic Transactions Act or any other statute governing electronic transactions.

---

**From:** Gupta, Anand  
**Sent:** Thursday, March 11, 2004 2:52 PM  
**To:** Gupta, Anand; 'Lagnado, Isaac'  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Isaac:

I just got done with going through your changes and wanted to discuss some of them with you. Please call me.  
Anand: REDACTED

-----Original Message-----

**From:** Gupta, Anand  
**Sent:** Thursday, March 11, 2004 12:20 PM  
**To:** 'Lagnado, Isaac'  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Thanks, Isaac.

I will want to discuss but probably not in the next couple of weeks REDACTED  
I will be in touch.

-----Original Message-----

**From:** Lagnado, Isaac REDACTED  
**Sent:** Thursday, March 11, 2004 12:17 PM  
**To:** Gupta, Anand  
**Subject:** RE: HP333

Anand,

REDACTED Here are the  
updated documents...the doc file has tracked changes turned on for any changes, the drawing visio  
file has changes in red under the third tab.

Let me know if you want to discuss...

Isaac

o Isaac Lagnado - REDACTED  
o Communication Technology - Portables Division  
o phone:  
o pager: REDACTED  
o fax:

-----Original Message-----

**From:** Gupta, Anand **REDACTED**  
**Sent:** Thursday, March 11, 2004 11:37 AM  
**To:** Lagnado, Isaac  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Isaac:

Any updates?

-----Original Message-----

**From:** Lagnado, Isaac **REDACTED**  
**Sent:** Wednesday, March 10, 2004 3:26 PM  
**To:** Gupta, Anand  
**Subject:** RE: HP333

Anand,

Here is what I have so far. I have tracked changes, but will probably work on it some more tonight. I also changed the hand drawn Figure. Also I seem to have misplaced your copy of the flowchart, can you forward that to me...if possible in Visio format. If not any graphical format will do.

Thanks,

Isaac

- o Isaac Lagnado - **REDACTED**
- o *Communication Technology - Portables Division*
- o phone:
- o pager:
- o fax: **REDACTED**

-----Original Message-----

**From:** Gupta, Anand **REDACTED**  
**Sent:** Wednesday, March 10, 2004 7:53 AM  
**To:** Lagnado, Isaac  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Thanks. Please make sure to "track" your changes (in both the drawings and the document) so that I can tell what you changed.

-----Original Message-----

**From:** Lagnado, Isaac **REDACTED**  
**Sent:** Wednesday, March 10, 2004 2:38 AM  
**To:** Gupta, Anand  
**Subject:** RE: HP333

Anand,

Update **REDACTED**

Thanks for your patience, I am still working through the document, trying my best to finish I made some changes that I think will improve the patent. Basically allowed for the selection criteria to be widened, not just using SSID, but using other informational elements in the beacon such as Security Level, network type, Modulation, data rate...so that the decision to join a network can be optionally much more stringent about the requirements. Enforcing not only SSID, but other criteria before allowing device to transmit, a good consequence of this is that hidden SSID's can be interrogated for more suitable matches based on the other criteria (since SSID is hidden).

REDACTED

Give me till lunch time tomorrow and I will send you what I have, and if you like we can discuss in the afternoon. Hopefully I am not delaying any of your schedules based on my review.

Thanks,

Isaac

-----Original Message-----

**From:** Gupta, Anand REDACTED  
**Sent:** Monday, March 08, 2004 11:53 AM  
**To:** Lagnado, Isaac  
**Cc:** Gupta, Anand  
**Subject:** RE: HP333

Thanks for the update.

-----Original Message-----

**From:** Lagnado, Isaac REDACTED  
**Sent:** Monday, March 08, 2004 11:50 AM  
**To:** Gupta, Anand  
**Subject:** RE: HP333

Anand,

I am still making changes to the document. I should finish tonight. I will forward you what I have tomorrow morning...

Isaac

- o Isaac Lagnado - REDACTED
- o Communication Technology - Portables Division
- o phone:
- o pager:
- o fax: REDACTED

-----Original Message-----

**From:** Gupta, Anand REDACTED  
**Sent:** Friday, March 05, 2004 11:54 AM  
**To:** Lagnado, Isaac

**Cc:** Gupta, Anand  
**Subject:** HP333

Isaac:

I changed page 9 onwards to add more claims.

<<HP333-WLAN PAT. APP..DOC>>

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